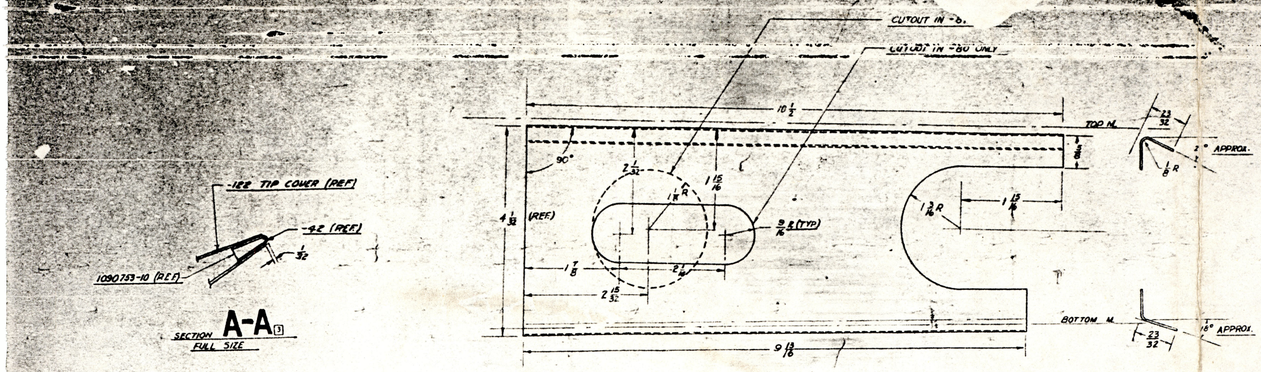
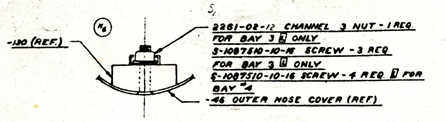
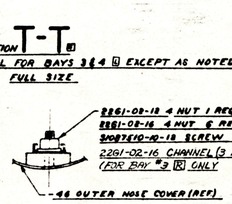


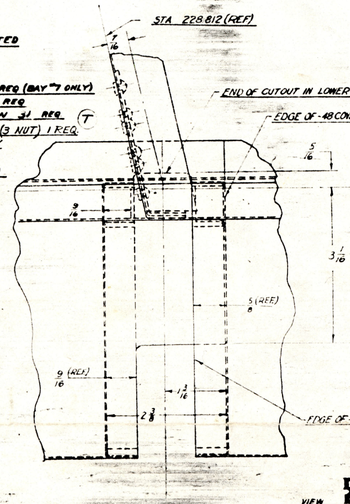

-130 (REF)
#6
2261-02-12 CHANNEL 3 NUT - 1 REQ.
FOR BAY 3 R ONLY
S-1087510-10-16 SCREW - 3 REQ.
FOR BAY 3 L ONLY
S-1087510-10-16 SCREW - 4 REQ. R FOR BAY "4
-46 OUTER NOSE COVER (REF)

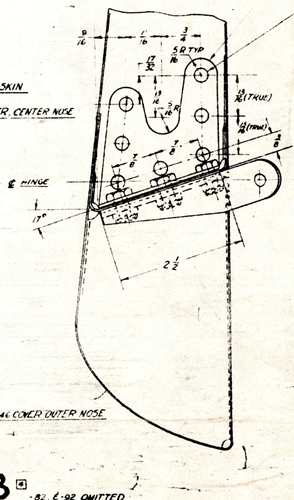
DETAIL OF -80 REINF CHANNEL 5
FULL SIZE

SECTION T-T 6
TYP INSTALL FOR BAYS 3 & 4 R EXCEPT AS NOTED
FULL SIZE


2261-02-18 4 NUT 1 REQ (BAY "7 ONLY)
2881-02-16 4 NUT 6 REQ
S-1087510-10-18 SCREW 14 REQ.
2261-02-16 CHANNEL (3 NUT) 1 REQ.
(FOR BAY "3 R ONLY
-46 OUTER NOSE COVER (REF)

SECTION U-U 6
TYP. INSTALL FOR ALL BAYS EXCEPT 3 & 4 L.H.
FULL SIZE



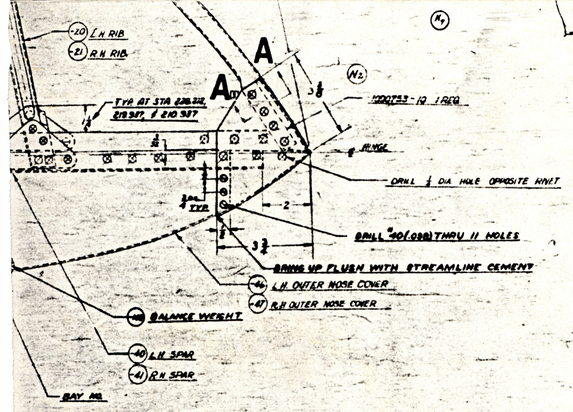


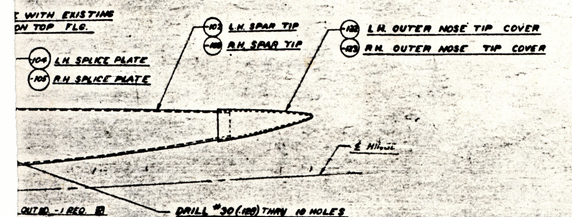
VIEW B 4 -82, & -92 OMITTED
FULL SIZE

(14) L.H. REINF. PLATE
(15) R.H.

L'ALL "30 (128) 7 HOLES
AT 430 AD 4-5 RIVET 7 REQ'D

(42) L.H. TRAILING EDGE - OUTER
(43) R.H. TRAILING EDGE - OUTER
(OPPOSITE EXCEPT AS NOTED)




(103) L.H. SPAR TIP
(105) R.H. SPAR TIP
(102) L.H. OUTER NOSE TIP COVER
(104) R.H. OUTER NOSE TIP COVER
(104) L.H. SPLICE PLATE
(106) R.H. SPLICE PLATE
E HINGE
DRILL "30 (.128) THRU 10 HOLES
WING REFERENCE LINE

NOTE:
1. - ALL RIVET EDGE DISTANCE 1/4 MIN
2. - INSTALL ALL 3108648S RIVETS & SCREWS AS PER DWG. "3076260
3. - ALL BEND RADII 1/8 UNLESS OTHERWISE NOTED
4. - ALL BEND RELIEF 1/8 UNLESS OTHERWISE NOTED
5. - LOCATE RIVETS AS SHOWN EQUALLY SPACED
6. - M.T. ALL SOFT STOCK AC. 98-10026; NAVY BU AERO SA-53
7. - SEE "3080888 FOR CONTOURS
8. - FORM ALL BEADS AS PER DWG. "1035088A FOR RIBS & DWG "1035088B FOR GUSSETS
9. - FLUSH ALL SURFACE RIVETS
10. - SCALLOP ALL NOSE RIBS AS PER DWG. "176646 IF NECESSARY
11. - FOR FABRIC ATTACHMENT PIERCE ALL BEADS AS PER DWG NO 102085 EXCEPT AS NOTED
12. - PARTS MARKED THUS [R] USE ON R.H. ASSEMBLY ONLY
13. - ALL DIM PARALLEL TO WING REF. LINE EXCEPT AS NOTED
14. - WEIGHTS SHOWN ARE FOR HINGE LINE IN NORMAL POSITION
15. - LEAD WTS. ARE TO BE LOCATED IN CENTER OF EACH BAY EXCEPT IN BAY "8 WHERE THEY ARE TO BE PLACED AS FAR INBOARD AS POSSIBLE
16. - PARTS & NOTES MARKED [L] FOR L.H. AILERON ONLY, [R] FOR R.H. AILERON ONLY
17. - INSTALL S-1087510-10-18 SCREWS PER DWG. "3076260
18. - LEAD WEIGHTS GIVEN IN MAT. BLOCK FOR -186 TO -192 INCL. ARE WEIGHTS LESS ATT. NUTS & SCREWS. TOLERANCE TO BE +50% OR 1 OZ. PER PART -00
19. - ELASTIC STOP NUTS MAY BE PURCHASED FROM THE ELASTIC STOP NUT CO. ELIZABETH, NEW JERSEY, U.S.A.

(N4) DIRECTION OF LIGHTENING HOLE FLANGES OPTIONAL EXCEPT AS NOTED

⊗	3108648SA	SEE NOTE	9
⊘	AN455 AD4-3	SEE NOTE	10
⊘	AN455 AD4-5	"10 (.193)	8
⊗	AN456 AD5-6	"20 (.161)	10
⊗	AN456 AD4-6	"30 (.128)	10
⊘	3108648SAD4-5	SEE NOTE	4
⊘	AN455 AD4-4	"30 (.128)	10
⊘	3108648SAD4-4	SEE NOTE	4
⊘	3108648SAD4-3	SEE NOTE	31
⊗	AN455 AD4-5	"60 (.088)	58
⊗	3108648SAD4-2	SEE NOTE	394
SIZE	RIVET	DRILL	NO.

OBSOLETE
REPLACED BY 02A(D)
MADE FROM MIT
SAME NO.
R. Stark 7-62

LAYOUTS:
"3065896 "3065876;
"3065877 "3067037;
"3065895 & "3066386

5055918 L.H. SHOWN
5055919 R.H. OPPOSITE EXCEPT AS NOTED

	-192			73° MOULDED		3
	-190	1		54° MOULDED		
	-188			40 WEIGHT		
	-186	2		7° MOULDED		
				-150 WE -191		
R	-186	1	-	34° MOULDED LEAD WEIGHT		5
L	-184	1		18° MOULDED LEAD WEIGHT		5
R	-182	1	-	43° MOULDED LEAD WEIGHT		6
L	-180	1	-	118° MOULDED LEAD WEIGHT		6
	-178	1	-	93° MOULDED LEAD WEIGHT		6
	-176	1	-	34° MOULDED LEAD WEIGHT		6
	-125	-124	2	1/4 D.D.W. X 3/4 S.L.	SHEET	NAVY AT-A-R
	-123	-121	1	7/8 W. X 1/4 S.L.	SHEET	NAVY AT-A-R COND. A
				-106 TO -120 INCL CANCELLED		
	-105	-104	1	1/4 C.W.X 1/8 S.L.	SHEET	NAVY AT-A-R COND. F
	-103	-102	1	1/8 C.W.X 1/16 S.L.	SHEET	NAVY AT-A-R COND. A
L	-101		1	3/4 S.W.X 1/8 S.L.	SHEET	NAVY AT-A-R COND. A
L	-98		1	3 S.W.X 7/8 S.L.	SHEET	NAVY AT-A-R COND. A
	-97	-96	1	1/8 C.W.X 1/16 S.L.	SHEET	NAVY AT-A-R COND. F
	-95	-94	1	1/8 C.W.X 1/16 S.L.	SHEET	NAVY AT-A-R COND. F
	-93	-92	1	1/8 C.W.X 1/16 S.L.	SHEET	NAVY AT-A-R COND. F
	-91	-90	1	1/8 C.W.X 1/16 S.L.	SHEET	NAVY AT-A-R COND. A
		-88		CANCELLED		
		-86		CANCELLED		
		-84		CANCELLED		
	-83	-82	1	1/4 C.W.X 1/8 S.L.	SHEET	NAVY AT-A-R COND. A
	-81	-80	1	3/4 S.W.X 3/8 S.L.	SHEET	NAVY AT-A COND. A
	-79	-78	1	5 S.W.X 1 S.L.	SHEET	NAVY AT-A COND. A
	-77	-76	1	5/8 C.W.X 1/4 S.L.	SHEET	NAVY AT-A COND. A
L	-75	-74	1/A	MAKE FROM S1075785-814		4
	-73	-72		CANCELLED		3
L	-70	1		1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. C
L	-68	1		3/4 S.W.X 3/8 S.L.	ADS SHEET	NAVY AT-A-R COND. A
R	-66	1	NOTED		ADS SHEET	NAVY AT-A-R COND. A
R	-64	1	5 S.W.X 1 S.L.		ADS SHEET	NAVY AT-A-R COND. A
	-62	2	3/4 S.W.X 3/8 S.L.		ADS SHEET	NAVY AT-A-R COND. A
R	-60	1	2 S.W.X 1/2 S.L.		ADS SHEET	NAVY AT-A-R COND. A
	-59	-58	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
R	-56	1	2 S.W.X 1/2 S.L.		ADS SHEET	NAVY AT-A-R COND. A
R	-54	1	2 S.W.X 1/2 S.L.		ADS SHEET	NAVY AT-A-R COND. A
	-53	-52	1	NOTED		
	-51	-50	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-49	-48	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-47	-46	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-45	-44	1	7/16 S.W. S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-43	-42	1	1/2 S.W. 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-41	-40	1	70 S.L.		NAVY AT-A-R COND. A
	-39	-38	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-37	-36	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-35	-34	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-33	-32	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-31	-30	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-29	-28	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-27	-26	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-25	-24	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-23	-22	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-21	-20	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-19	-18	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-17	-16	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-15	-14	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-13	-12	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-11	-10	1	NOTED		
	-9	-8	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-7	-6	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-5	-4	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A
	-3	-2	1	1/2 S.W.X 1/4 S.L.	ADS SHEET	NAVY AT-A-R COND. A

FRAME ASSEMBLY - AILERON 5055901

SEC. 8787

2 1